**Ivan Illick**

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**EDUCATION \_\_\_\_\_\_\_\_\_\_\_\_**

**State University of New York College of Environmental Science and Forestry (ESF)**, Syracuse, NY*12/2024*

Bachelor of Science: *Natural Resources Management*

**ESF Ranger School,** Wanakena, NY

Applied Associate of Science: *Environmental and Natural Resources Conservation 05/2022*

**RELEVANT EXPERIENCE \_\_\_\_\_\_\_\_\_\_\_\_**

**Timber Stand Improvement Technician**  *05/2024 - 08/2024*

*US Forest Service White River NF Dillon Ranger District*, Silverthorne, CO

* Performed pre-commercial thinning and timber harvest boundary marking
* Completed timber harvest site rehabilitation and burn pile rehabilitation
* Performed tree planting and tree planting contract inspections

**Summer Aide: Emerald Ash Borer Response Team** *05/2023 - 08/2023*

*Onondaga County Soil and Water Conservation District*, Syracuse, NY

* Managed and limited the impacts of invasive insect outbreaks
* Made decisions regarding the treatment and removal of white ash trees on county roads parks
* Marked 5,000+ trees for removal and collected data regarding size, location, and quantity of removed trees
* Ensured safe environment for county road travelers and park visitors through management decisions regarding our forest resources

**MANAGEMENT PROJECTS \_\_\_\_\_\_\_\_\_\_\_\_**

**Technical Report Writing:** *08/2024 - 12/2024*

* Performed detailed research for data and information regarding my recommended management activities
* Developed extensive report based on research, scientific data, and peer reviewed articles
* Assessed effectiveness of recommendations based on criteria such as public perception, environmental impacts, safety, and economics

**Business Plan Construction:** *01/2024 - 05/2024*

* Analyzed and described basic business model for an existing ESF-run business
* Developed a working mission statement with relative and achievable goals and objectives
* Used Excel to analyze the businesses financial feasibility by calculating costs, revenues, and profits
* Created cash flow diagrams to accurately depict feasibility of 10-year business plan
* Met with business operators to understand how business runs and what kind of inputs/outputs business has

**Stewardship Plan Development:** *01/2022 - 05/2022*

* Created plots in each stand for a systematic random sampling method using GIS for an 85 acre land parcel
* Cruised and inventoried each stand for multiple variables to develop complete understanding of over-story, ground vegetation, and wildlife habitat
* Provided silvicultural recommendations for future management; presented conclusions to Foresters

**TECHNICAL SKILLS \_\_\_\_\_\_**

Computer Skills: ArcGIS, SILVAH, Microsoft Excel, Word, PowerPoint

Coursework: Natural Resource Policy, Dendrology, Ecology, Natural Resource Measurements, Silviculture, Soils, Surveying, Watershed Hydrology, Forest Insects and Diseases

Professional Skills: Operation of all-terrain vehicles, GPS proficient, strong interpersonal skills